

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	462	tribocharg\$3	USPAT	OR	OFF	2005/03/11 08:19
S2	1	"20040174171"	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/03/10 10:40
S3	5	("3713021" "4328280" "6166550").pn.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/03/10 10:40
S4	3	("3713021" "4328280" "6166550").pn.	USPAT	OR	OFF	2005/03/10 13:47
S5	1	"6597249".pn.	USPAT	OR	OFF	2005/03/10 13:48
S6	0	10/606580	USPAT	OR	OFF	2005/03/10 13:48
S7	1	10/606580	US-PGPUB; USPAT	OR	OFF	2005/03/10 13:48
S8	30	("3619615"   "3788739"   "4087171"   "4215930"   "4302721"   "4355885"   "4626096"   "4734649"   "4814703"   "4862065"   "4885543"   "5066918"   "5235394"   "5285241"   "5287061"   "5436705"   "5508622"   "5552704"   "5565963"   "5585730"   "5666618"   "5679883"   "5717978"   "5749019"   "5754918"   "5773989"   "5795990"   "5805961"   "5822662"   "5842082").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 16:28
S9	3	("6166550").URPN.	USPAT	OR	OFF	2005/03/10 17:43
S10	14	324/452,457,458.ccls. and ((triboelec\$5) same charge)	USPAT	OR	OFF	2005/03/11 13:30
S11	19	324/452,457,458.ccls. and ((triboelec\$5) same charge)	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/03/10 17:44
S12	163	(array and tribochar\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:21
S13	17	(array and (tribochar\$5 with (sample\$1 substrat\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:22

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S14	35	(tribochar\$5 and (array with (sample\$1 substrat\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:50
S15	2	324/452-458.ccls. and (((electrostatic triboelect\$4 static) near3 properties) same (array))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:51
S16	2	324/452-458.ccls. and (((electrostatic triboelect\$4 static) near3 properties) same (array\$))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:52
S17	37	324/452-458.ccls. and (((electrostatic triboelect\$4 static)) same (array\$))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:52
S18	2	324/452-458.ccls. and (((electrostatic triboelect\$4 static)) same (array\$ near3 (sample\$ substrat\$)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:53
S19	1	324/452-458.ccls. and (((electrostatic triboelect\$4 static) near3 properties) and (array\$ near3 (sample\$ substrat\$)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:53
S20	5	324/452-458.ccls. and (((electrostatic triboelect\$4 static)) and (array\$ near3 (sample\$ substrat\$)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:58
S21	1	"6166550".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:58
S22	2	"4328280".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/11 08:58
S23	14	324/452,457,458.ccls. and ((triboelec\$5) same charge)	USPAT	OR	OFF	2005/03/11 13:33
S24	1	"4885543".pn.	USPAT	OR	OFF	2005/03/11 13:36
S25	2	("4868600" "4755837").pn.	USPAT	OR	OFF	2005/03/11 14:21
S26	8211	(motion near3 sensor)	USPAT	OR	OFF	2005/03/11 14:21
S27	357	S26 and "324"/\$.ccls.	USPAT	OR	OFF	2005/03/11 14:27
S28	3	S26 and "324"/663.ccls.	USPAT	OR	OFF	2005/03/11 14:27
S29	2	("4134764" "4052209").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/01 11:05

## EAST Search History

S30	1	"6690179".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/02 15:51
S31	1	"6166550".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/06 16:58
S32	2	("6320387" "6690179").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/06 17:11
S33	171	((tribocharg\$4) or (triboelectric near3 charg\$4)) with (sample\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/06 17:13
S34	6	S33 and ("324"/\$.ccls. or "73"/\$. ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/06 17:38
S35	186	"324"/\$.ccls. and (((measur\$4 determin\$4 detect\$4) near3 (charge)) with sample\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/06 17:40
S36	29	"324"/\$.ccls. and (((measur\$4 determin\$4 detect\$4) near3 (charge)) with sample\$1) same (ground grounded))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/07 09:53
S37	1	10/773119	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/07 10:05
S38	1	"6690179".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/07 10:12
S39	78	"324"/\$.ccls. and (charg\$4 near3 samples)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/07 11:09
S40	2357	(tribocharg\$4 triboelectric\$4) same (support\$3 ground\$3 hold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/07 11:10
S41	21	(tribocharg\$4 triboelectric\$4) same ((support\$3 ground\$3 hold\$3) with sample\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/07 16:31

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S42	2	10/341483	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/07 16:32
S43	1	"20020192360"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 15:27
S44	1	10/810890	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 15:27
S45	1	10/773119	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/27 13:14
S46	91	(triboelectric\$4) and (array with (sample\$1 object\$1)) and charg\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/27 15:04
S47	1	"6969540".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/27 13:27
S48	0	("6969540").URPN.	USPAT	OR	OFF	2006/10/27 13:27

## EAST Search History

S49	81	( "1043021"   "2105488"   "2105981"   "2229620"   "2229621"   "2237068"   "2245045"   "2447664"   "2685536"   "2695002"   "2710589"   "2733171"   "2762331"   "2809128"   "2833666"   "2893894"   "2994618"   "3001890"   "3018757"   "3486483"   "3726701"   "3730433"   "3920862"   "4073966"   "4170193"   "4267215"   "4378390"   "4503802"   "4569864"   "4748043"   "4749125"   "4788016"   "4830872"   "4830873"   "4846407"   "4847110"   "4854506"   "4990359"   "5049404"   "5222663"   "5326598"   "5332797"   "5409732"   "5447474"   "5460120"   "5536314"   "5585545"   "5596930"   "5599602"   "5620514"   "5702527"   "5733608"   "5858545"   "5871585"   "5954907"   "6063450"   "6214112"   "6503325"   "6579574"   "6737113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 14:30
S50	1	"4328280".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 14:31
S51	1	("4328280").URPN.	USPAT	OR	OFF	2006/10/27 14:33
S52	1	"6166550".pn.	USPAT	OR	OFF	2006/10/27 14:34
S53	3	("6166550").URPN.	USPAT	OR	OFF	2006/10/27 14:34
S54	1	(triboelectric\$4).clm. and (array with (sample\$1 object\$1)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/27 15:02
S55	16	(triboelectric\$4).clm. and (charg\$4 with (sample\$1 object\$1)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/27 15:02
S56	4	(triboelectric\$4).clm. and (charg\$4 with (sample\$1 object\$1)).clm.	US-PGPUB	OR	OFF	2006/10/27 15:03
S57	1	(triboelectric\$4).clm. and (reference near3 sample).clm. and (ground\$4).clm.	US-PGPUB	OR	OFF	2006/10/27 15:04

## EAST Search History

S58	0	(triboelectric\$4) and (array with (sample\$1 object\$1)) and gound\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/27 15:05
S59	1	(triboelectric\$4) and (array with (sample\$1 object\$1)) and (referenc\$4 near3 sample\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/27 15:06